

AM101023-2 Sequence Listing.ST25.txt
SEQUENCE LISTING

<110> Wyeth
Bowman, Michael
Follettie, Maximillian
Chen, Heng
Williams, Cara
Ellis, Debra
Winkler, Aaron
Liu, Wei

<120> COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING ASTHMA OR OTHER ALLERGIC OR INFLAMMATORY DISEASES

<130> AM101023-2

<160> 1535

<170> PatentIn version 3.2

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<212> DNA
<213> Homo sapiens

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35 40 45

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65 70 75 80

Met Ala Gly Leu Cys Tyr Ala Glu Phe Gly Ala Arg Val Pro Lys Thr
85 90 95

Gly Ser Ala Tyr Leu Tyr Thr Tyr Val Thr Val Gly Glu Leu Trp Ala
100 105 110

Phe Ile Thr Gly Trp Asn Leu Ile Leu Ser Tyr Val Ile Gly Thr Ser
115 120 125

Ser Val Ala Arg Ala Trp Ser Gly Thr Phe Asp Glu Leu Leu Ser Lys
130 135 140

Gln Ile Gly Gln Phe Leu Arg Thr Tyr Phe Arg Met Asn Tyr Thr Gly
145 150 155 160

Leu Ala Glu Tyr Pro Asp Phe Ala Val Cys Leu Ile Leu Leu Leu
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Ala Gly Leu Leu Ser Phe Gly Val Lys Glu Ser Ala Trp Val Asn Lys
180 185 190

Val Phe Thr Ala Val Asn Ile Leu Val Leu Leu Phe Val Met Val Ala
195 200 205

Gly Phe Val Lys Gly Asn Val Ala Asn Trp Lys Ile Ser Glu Glu Phe
210 215 220

Leu Lys Asn Ile Ser Ala Ser Ala Arg Glu Pro Pro Ser Glu Asn Gly
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Thr Ser Ile Tyr Gly Ala Gly Gly Phe Met Pro Tyr Gly Phe Thr Gly
245 250 255

Thr Leu Ala Gly Ala Ala Thr Cys Phe Tyr Ala Phe Val Gly Phe Asp
260 265 270

Cys Ile Ala Thr Thr Gly Glu Glu Val Arg Asn Pro Gln Lys Ala Ile
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Pro Ile Gly Ile Val Thr Ser Leu Leu Val Cys Phe Met Ala Tyr Phe
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Ala Lys Tyr Val Val Ala Ala Gly Ser Leu Cys Ala Leu Ser Thr Ser
340 345 350

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355 360 365

Arg Asp Gly Leu Leu Phe Arg Phe Leu Ala Arg Val Ser Lys Arg Gln
370 375 380

Ser Pro Val Ala Ala Thr Leu Thr Ala Gly Val Ile Ser Ala Leu Met
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Asp Gly Leu Gly Ser Ser Pro Arg Val Thr Ser Lys Ser Glu Ser Gln
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AM101023-2 Sequence Listing.ST25.txt

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35 40 45

Gly Ala Gly Val Tyr Val Leu Ala Gly Glu Val Ala Lys Ala Asp Ser
50 55 60

Gly Pro Ser Ile Val Val Ser Phe Leu Ile Ala Ala Leu Ala Ser Val
65 70 75 80

Met Ala Gly Leu Cys Tyr Ala Glu Phe Gly Ala Arg Val Pro Lys Thr
Page 7

Gly Ser Ala Tyr Leu Tyr Thr Tyr Val Thr Val Gly Glu Leu Trp Ala
100 105 110

Phe Ile Thr Gly Trp Asn Leu Ile Leu Ser Tyr Val Ile Gly Thr Ser
115 120 125

Ser Val Ala Arg Ala Trp Ser Gly Thr Phe Asp Glu Leu Leu Asn Lys
130 135 140

Gln Ile Gly Gln Phe Phe Lys Thr Tyr Phe Lys Met Asn Tyr Thr Gly
145 150 155 160

Leu Ala Glu Tyr Pro Asp Phe Phe Ala Val Cys Leu Val Leu Leu
165 170 175

Ala Gly Leu Leu Ser Phe Gly Val Lys Glu Ser Ala Trp Val Asn Lys
180 185 190

Phe Phe Thr Ala Ile Asn Ile Leu Val Leu Leu Phe Val Met Val Ala
195 200 205

Gly Phe Val Lys Gly Asn Val Ala Asn Trp Lys Ile Ser Glu Glu Phe
210 215 220

Leu Lys Asn Ile Ser Ala Ser Ala Arg Glu Pro Pro Ser Glu Asn Gly
225 230 235 240

Thr Ser Ile Tyr Gly Ala Gly Gly Phe Met Pro Tyr Gly Phe Thr Gly
245 250 255

Thr Leu Ala Gly Ala Ala Thr Cys Phe Tyr Ala Phe Val Gly Phe Asp
260 265 270

Cys Ile Ala Thr Thr Gly Glu Glu Val Arg Asn Pro Gln Lys Ala Ile
275 280 285

Pro Ile Gly Ile Val Thr Ser Leu Leu Val Cys Phe Met Ala Tyr Phe
290 295 300

Gly Val Ser Ala Ala Leu Thr Leu Met Met Pro Tyr Tyr Leu Leu Asp
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Glu Lys Ser Pro Leu Pro Val Ala Phe Glu Tyr Val Arg Trp Gly Pro
325 330 335

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Ala Lys Tyr Val Val Ala Ala Gly Ser Leu Cys Ala Leu Ser Thr Ser
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355 360 365

Arg Asp Gly Leu Leu Phe Arg Phe Leu Ala Arg Val Ser Lys Arg Gln
370 375 380

Ser Pro Val Ala Ala Thr Met Thr Ala Gly Val Ile Ser Ala Val Met
385 390 395 400

Ala Phe Leu Phe Asp Leu Lys Ala Leu Val Asp Met Met Ser Ile Gly
405 410 415

Thr Leu Met Ala Tyr Ser Leu Val Ala Ala Cys Val Leu Ile Leu Arg
420 425 430

Tyr Gln Pro Gly Leu Cys Tyr Glu Gln Pro Lys Tyr Thr Pro Glu Lys
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Glu Thr Leu Glu Ser Cys Thr Asn Ala Thr Leu Lys Ser Glu Ser Gln
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Pro Ser Ala Leu Pro Thr Arg Gln Ser Ala Ser Leu Val Ser Phe Leu
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Val Gly Phe Leu Ala Phe Leu Ile Leu Gly Leu Ser Ile Leu Thr Thr
500 505 510

Tyr Gly Val Gln Ala Ile Ala Arg Leu Glu Ala Trp Ser Leu Ala Leu
515 520 525

Leu Ala Leu Phe Leu Val Leu Cys Ala Ala Val Ile Leu Thr Ile Trp
530 535 540

Arg Gln Pro Gln Asn Gln Gln Lys Val Ala Phe Met Val Pro Phe Leu
545 550 555 560

Pro Phe Leu Pro Ala Phe Ser Ile Leu Val Asn Ile Tyr Leu Met Val
565 570 575

Gln Leu Ser Ala Asp Thr Trp Ile Arg Phe Ser Ile Trp Met Ala Leu
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Gly Phe Leu Ile Tyr Phe Ala Tyr Gly Ile Arg His Ser Leu Glu Gly
595 600 605

Asn Pro Arg Asp Glu Glu Asp Asp Glu Asp Ala Phe Ser Glu Asn Ile
610 615 620

Asn Val Ala Thr Glu Glu Lys Ser Val Met Gln Ala Asn Asp His His
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AM101023-2 Sequence Listing.ST25.txt

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<212> PRT

<213> Homo sapiens

<400> 6

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30			

Lys Ala Gly Leu Leu Glu Lys Leu Lys Glu Gln Glu Cys Asp Val Lys			
35	40	45	
45			

Asp Tyr Gly Asp Leu Pro Phe Ala Asp Ile Pro Asn Asp Ser Pro Phe			
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165 AM101023-2 Sequence Listing.ST25.txt
170
175

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180 185 190

Leu Gly Ile Lys Tyr Phe Ser Met Thr Glu Val Asp Arg Leu Gly Ile
195 200 205

Gly Lys Val Met Glu Glu Thr Leu Ser Tyr Leu Leu Gly Arg Lys Lys
210 215 220

Arg Pro Ile His Leu Ser Phe Asp Val Asp Gly Leu Asp Pro Ser Phe
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Thr Pro Ala Thr Gly Thr Pro Val Val Gly Gly Leu Thr Tyr Arg Glu
245 250 255

Gly Leu Tyr Ile Thr Glu Glu Ile Tyr Lys Thr Gly Leu Leu Ser Gly
260 265 270

Leu Asp Ile Met Glu Val Asn Pro Ser Leu Gly Lys Thr Pro Glu Glu
275 280 285

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Pro Lys

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AM101023-2 Sequence Listing.ST25.txt

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AM101023-2 Sequence Listing.ST25.txt

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AM101023-2 Sequence Listing.ST25.txt

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AM101023-2 Sequence Listing.ST25.txt

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AM101023-2 Sequence Listing.ST25.txt

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AM101023-2 Sequence Listing.ST25.txt

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